

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1148	emulsion and (maltodextrin or maltodextrins)	USPAT	OR	OFF	2005/06/06 17:10
L2	6	emulsion and (maltodextran or maltodextrans)	USPAT	OR	OFF	2005/06/06 17:21
L3	32194	dextran	USPAT	OR	OFF	2005/06/06 17:10
L4	13632	dextrin	USPAT	OR	OFF	2005/06/06 17:10
L5	7638	(microemulsion or emulsion) and (maltodextran or maltodextrans or detrin or dextran)	USPAT	OR	OFF	2005/06/06 17:21
L6	854	5 and (micelle or micelles)	USPAT	OR	OFF	2005/06/06 17:22
L7	57	6 and betaine	USPAT	OR	OFF	2005/06/06 17:24
L8	168	micelle same (rod or rod-like or cylindrical or rod-shaped)	USPAT	OR	OFF	2005/06/06 17:42
L9	42	((("6387870") or ("6534456") or ("5785979") or ("5939378") or ("5922664") or ("6531442") or ("5589177") or ("6290943") or ("6022547") or ("5985929") or ("5858955") or ("6797683") or ("6235298") or ("6194364") or ("5405602") or ("5281356") or ("5281357") or ("6187842") or ("5429820") or ("6737394") or ("5385959") or ("5281355") or ("6207771") or ("6127494") or ("6177396") or ("5294644") or ("6165454") or ("6780826") or ("6148917") or ("5888956") or ("6799845") or ("5994283") or ("5736496") or ("5688754") or ("5888957") or ("6114290") or ("5767051") or ("5529723") or ("5523025") or ("6306805") or ("5646104") or ("5795853"))).PN.	USPAT	OR	OFF	2005/06/06 17:25
L10	23	((("6534456") or ("6531442") or ("6797683") or ("6737394") or ("6534457") or ("5888956") or ("5994283") or ("5736496") or ("5888957") or ("5770554") or ("6605585") or ("6534468") or ("5807810") or ("5964692") or ("5641480") or ("5827533") or ("5653970") or ("5882679") or ("6599527") or ("6759057") or ("5624906") or ("5834413") or ("6180582"))).PN.	USPAT	OR	OFF	2005/06/06 17:42
L11	8	9 and 10	USPAT	OR	OFF	2005/06/06 17:43
L12	57	9 or 10	USPAT	OR	OFF	2005/06/06 17:43
L13	4	12 and 5	USPAT	OR	OFF	2005/06/06 17:44
L14	12	1 and micelle	USPAT	OR	OFF	2005/06/06 17:45
L15	21	12 and (alkanolamide or ethanolamide or monoethanolamide or cocomonethanolamide or cmea)	USPAT	OR	OFF	2005/06/06 17:45
S1	4	((("6534456") or ("5922664") or ("6797683") or ("6194364"))).PN.	USPAT	OR	OFF	2005/06/06 11:58
S2	312581	((claimed adj polymer adj thickener) or maltodextrin or (malto adj dextrin) or malto-dextrin or dextrin or PVP or (polyvinyl adj pyrrolidone) or polyvinylpyrrolidone or PEG or (polyethylene adj glycol) or polyethyleneglycol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:42
S3	68074	((claimed adj micelle adj geometry) or rod-like or rod-shape or (rod adj micelle) or (rod-like adj micelle) or (rod-shaped adj micelle) or micelle or rodlike or lamellar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:42
S4	1641	((cocoamidopropyl adj betaine) or cocoamidopropyl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:42
S5	7288	((alkali adj metal adj ether adj sulfate) or (ether adj sulfate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:42
S6	2033372	((claimed adj stability) or (stable adj emulsion) or stable or stability or microemulsion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:43

S7	393103	((aqueous adj emulsion) or emulsion or microemulsion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:43
S8	121	S2 and S3 and S5 and (S4 or betaine or amphoteric) and S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/06 11:44
S9	150	((("6534456") or ("5922664") or ("6797683") or ("6387870") or ("6194364") or ("6342238") or ("6531442") or ("6177396") or ("5785979") or ("5964692") or ("5807810") or ("6737394") or ("5385959") or ("4871467") or ("6090762") or ("4659497") or ("5952285") or ("5073285") or ("5888956") or ("5736496") or ("5994283") or ("5888957") or ("5877137") or ("6114290") or ("5851974") or ("5750489") or ("5770554") or ("6534468") or ("6794348") or ("6165454") or ("6426326") or ("5688754") or ("5952286") or ("4793943") or ("5529723") or ("4618446") or ("5767051") or ("5795853") or ("5523025") or ("5580848") or ("5646104") or ("6034049") or ("6291419") or ("5776882") or ("6156717") or ("5912223") or ("6048834") or ("6046151") or ("6030935") or ("6008180") or ("6121228") or ("5874393") or ("5929023") or ("6172032") or ("6197741") or ("6306809") or ("5854194") or ("6197732") or ("5955407") or ("6420325") or ("6020301") or ("5171475") or ("5665689") or ("6468550") or ("6150321") or ("5834409") or ("6783752") or ("6190677") or ("6391843") or ("5834413") or ("6180582") or ("5929024") or ("5989573") or ("6156712") or ("6524563") or ("4329334") or ("6537952") or ("6673765") or ("6787511") or ("6013611") or ("6489280") or ("5035826") or ("4726945") or ("6660282") or ("6207140") or ("6030931") or ("6667044") or ("5733560") or ("5798330") or ("4154706") or ("6071867") or ("4902499") or ("6635702") or ("5854336") or ("4353806") or ("5877143") or ("4360061") or ("6534469") or ("6251844") or ("5561106") or ("5531938") or ("6010992") or ("4595526") or ("6413527") or ("5939376") or ("6897253") or ("6576678") or ("5648323") or ("6306806") or ("5905064") or ("4818523") or ("5726145") or ("5851976") or ("6004920") or ("4018720") or ("6346508") or ("4364837") or ("5703028") or ("5854193") or ("4867971") or ("5393468") or ("5604195") or ("6017868") or ("4919839") or ("6582710") or ("4869842") or ("6793934") or ("5776880") or ("5679877") or ("6303555") or ("5540853") or ("6534470") or ("6045779") or ("6525014") or ("6830754") or ("5399342") or ("6730154") or ("5573702") or ("5714454") or ("6245216") or ("6783925") or ("6494920") or ("5464724") or ("6617303") or ("4329335") or ("5853743") or ("6262003") or ("5712241") or ("6746999") or ("5641742")).PN.	USPAT	OR	OFF	2005/06/06 11:44
S10	10	S8 and S9	USPAT	OR	OFF	2005/06/06 11:44
S11	72	S2 and S3 and S5 and (S4 or betaine or amphoteric) and S6 and S7	USPAT	OR	OFF	2005/06/06 11:44
S12	212	S9 or S11	USPAT	OR	OFF	2005/06/06 11:44
S13	5	((("6534456") or ("5922664") or ("6797683") or ("6194364") or ("5785979")).PN.	USPAT	OR	OFF	2005/06/06 11:59
S14	6	((("6534456") or ("5922664") or ("6797683") or ("6194364") or ("5785979") or ("6531442")).PN.	USPAT	OR	OFF	2005/06/06 17:10

Serial Number:

10643173

Pgpub Number:

0

Keywords:

code;yang;lin;february;aqueous emulsions;emulsions;dispersed;dispersed phase;rod;stable aqueous;molecule;criteria;continuous phase;surfactant system;micelles;shapes;fort;lee;patel;rajesh;lyndhurst;ananthapadmanabhan;kavssery;parameswaran;highland;mills;kerschner;judith;lynne;hawthorne;

Class list:

510/417;510/424;510/428;510/426;510/433;510/432;510/503;510/470;510/423;510/405;

Int Class list:

C11D 017/00;C11D 001/94;C11D 001/29;C11D 001/12;C11D 001/90;C11D 003/50;C11D 001/75;C11D 001/83;A61K 007/00;C11D 003/37;

Special Keywords:

polydextrose;biphasic liquid;polyglucose;isotropic solution;Rheology;surfactant micelle;lamellar;lamellar phase;flocculation;deflocculating;flocculated;discoidal;

Negative Keywords:

Features:

feature#1(w=300);claimed stability;stable emulsion;stable;stability;microemulsion;  
feature#2(w=300);aqueous emulsion;emulsion;microemulsion;  
feature#3(w=200);aqueous-aqueous emulsion;aqueous aqueous emulsion;aqueous-aqueous microemulsion;w/w microemulsion;w/w emulsion;continuous surfactant phase;surfactant phase;micellar phase;  
feature#4(w=200);dispersed aqueous phase;dispersed phase;dispersed;aqueous dispersed;  
feature#5(w=200);dispersed aqueous phase;dispersed water phase;dispersed aqueous;  
feature#6(w=300);alkali metal ether sulfate;ether sulfate;  
feature#7(w=300);cocoamidopropyl betaine;cocoamidopropyl;  
feature#8(w=200);cocomonooethanolamide;CMEA;cocoethanolamide;coco monoethanolamide;coco ethanolamide;  
feature#9(w=100);claimed polymer thickener;maltodextrin;malto dextrin;malto-dextrin;dextrin;PVP;polyvinyl pyrrolidone;polyvinylpyrrolidone;PEG;polyethylene glycol;polyethyleneglycol;  
feature#10(w=150);maltodextrin;malto dextrin;malto-dextrin;dextrin;  
feature#11(w=100);PVP;polyvinyl pyrrolidone;polyvinylpyrrolidone;  
feature#12(w=100);PEG;polyethylene glycol;polyethyleneglycol;  
feature#13(w=100);glycerin;propanetriol;glycerol;  
feature#14(w=300);claimed micelle geometry;rod-like;rod-shape;rod micelle;rod-like micelle;rod-shaped micelle;micelle;rodlike;lamellar;

Percent Features:

feature#1:100%  
feature#2:90%  
feature#3:46%  
feature#4:90%  
feature#5:0%  
feature#6:53%  
feature#7:43%  
feature#8:6%  
feature#9:90%  
feature#10:3%  
feature#11:56%  
feature#12:75%  
feature#13:84%  
feature#14:90%

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Best results:

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